



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

**MAR 16 2000**

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 11487  
(THIRD REVISION)

EXPIRATION DATE: February 28, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Meggitt Safety Systems, Inc. (formerly Whittaker Safety Systems)  
Simi Valley, CA
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain cylinder (bottle) assemblies containing Division 2.1 and Division 2.2 materials. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.302(a) in that packagings in the prescribed configuration are not authorized and § 173.36(e).
5. BASIS: This exemption is based on the application of Meggit Safety Systems dated December 3, 1999, submitted in accordance with § 107.109.

MAR 16 2000

Continuation of DOT-E 11487 (3rd Rev.)

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Compressed gas, flammable, n.o.s.	2.1	UN1954	n/a
Compressed gas, n.o.s.	2.2	UN1956	n/a

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a cylinder (bottle) assembly consisting of a cylinder which meets all requirements of the DOT 3A specification (§ 178.36) except that the connections between a cylinder and its shut off valves are sealed by welding. The maximum service pressure of the cylinder is 1800 psig. The cylinder assembly must be in conformance with Whittaker drawing 110C014 submitted with the application for exemption.

b. TESTING -

(1) Each completed cylinder (bottle assembly) must be subjected to an external visual inspection of the seal welds. Each completed cylinder must be pressurized to the maximum operating pressure, and must be inspected for leaks.

(2) The cylinder must be retested in accordance with § 173.34(e) as specified for DOT 3A cylinders, except that an internal visual inspection is not required.

c. OPERATIONAL CONTROLS - The cylinder (bottle) assemblies prescribed by this exemption must be shipped in strong outside packagings.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or

MAR 16 2000

Continuation of DOT-E 11487 (3rd Rev.)

Page 3

changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - The outside of each package must be marked "DOT-E 11487".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
  - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Registration required by § 107.601 et seq., when applicable.

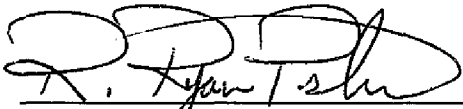
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents

or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator for  
Hazardous Materials Safety

**MAR 16 2000**

(DATE)

Address all inquiries to: Associate Administrator for  
Hazardous Materials Safety, Research and Special Programs  
Administration, Department of Transportation, Washington, D.C.  
20590.

Attention: DHM-31.

The original of this exemption is on file at the above office.  
Photo reproductions and legible reductions of this exemption  
are permitted. Any alteration of this exemption is  
prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.  
Department of Transportation, 400 7th Street, S.W.,  
Washington, DC 20590-0001, Attention: Records Center, 202-366-  
5046.

Dist: FAA, FHWA, FRA, USCG  
PO: KFW